

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

STILLE et al.

Atty. Ref.: 3670-45

Serial No.

Group:

Filed: March 8, 2002

Examiner:

For: METHOD AND DEVICE FOR A SHARED RADIO NETWORK

March 8, 2002

Assistant Commissioner for Patents  
Washington, DC 20231

**PRELIMINARY AMENDMENT**

Sir:

Please amend the above-identified application as follows:

**IN THE ABSTRACT:**

Please substitute the following abstract for that originally filed with the application.  
A copy of the abstract on a separate sheet is attached hereto.

-- Method and device, respectively, for determining which one of the owners of a shared radio network that a visiting mobile terminal (MT), which MT is not subscribed to any of the owners of said shared radio network, is going to be connected to, by deriving information from the visiting MT concerning its identity. The method and device, respectively, is characterized in that said information is used in said shared radio network for determining which one of said owners said visiting MT is going to be connected to. --

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**IN THE CLAIMS:**

Please substitute the following amended claims 3, 4, 5, 8, 13, 14, 15, and 18 for corresponding claims 3, 4, 5, 8, 13, 14, 15, and 18 previously presented. A copy of the amended claims 3, 4, 5, 8, 13, 14, 15, and 18 showing current revisions is attached.

3. (*Amended*) Method according to claim 1, wherein said shared radio network uses the radio system UMTS (Universal Mobile Telecommunications System).

4. (*Amended*) Method according to claim 1, wherein said shared radio network uses the radio system GSM (Global System for Mobile communication).

5. (*Amended*) Method according to claim 1, wherein said shared radio network uses any of the radio systems CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

8. (*Amended*) Method according to claim 6, wherein said shared radio network uses any one of the following radio systems: UMTS (Universal Mobile Telecommunications System), GSM (Global System for Mobile communication), CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

13. (*Amended*) Device according to claim 11, wherein said shared radio network is adapted for the radio system UMTS (Universal Mobile Telecommunications System).

14. (*Amended*) Device according to claim 11, wherein said shared radio network is adapted for the radio system GSM (Global System for Mobile communication).

15. (*Amended*) Device according to claim 11, wherein said shared radio network is adapted for any of the radio systems CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

18. (*Amended*) Device according to claim 16, wherein said shared radio network is adapted for any one of the following radio systems: UMTS (Universal Mobile

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Telecommunications System), GSM (Global System for Mobile communication), CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

**REMARKS**


By the foregoing amendment, claims 3, 4, 5, 8,13, 14, 15, and 18 have been amended to eliminate the multiple claim dependencies in order to minimize the filing fee. Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached pages are captioned "**Version With Markings To Show Changes Made.**"

Prompt and favorable examination on the merits is respectfully requested.

Respectfully submitted,

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Attachment:  
Abstract

200909-030302 10092535-030302

**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**IN THE ABSTRACT:**

-- Method and device, respectively, for determining which one of the owners of a shared radio network [6] that a visiting mobile terminal [MT (Mobile Terminal)] (MT), which MT [4, 5] is not subscribed to any of the owners of said shared radio network [6], is going to be connected to, by deriving information from the visiting MT [4, 5] concerning its identity. The method and device, respectively, is characterized in that said information is used in said shared radio network [6] for determining which one of said owners said visiting MT [4, 5] is going to be connected to.

[(Fig. 2)] --

**IN THE CLAIMS:**

3. (*Amended*) Method according to claim 1 [or 2], wherein said shared radio network uses the radio system UMTS (Universal Mobile Telecommunications System).
4. (*Amended*) Method according to claim 1 [or 2], wherein said shared radio network uses the radio system GSM (Global System for Mobile communication).
5. (*Amended*) Method according to claim 1 [or 2], wherein said shared radio network uses any of the radio systems CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).
8. (*Amended*) Method according to claim 6 [or 7], wherein said shared radio network uses any one of the following radio systems: UMTS (Universal Mobile Telecommunications System), GSM (Global System for Mobile communication), CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

13. (*Amended*) Device according to claim 11 [or 12], wherein said shared radio network is adapted for the radio system UMTS (Universal Mobile Telecommunications System).

14. (*Amended*) Device according to claim 11 [or 12], wherein said shared radio network is adapted for the radio system GSM (Global System for Mobile communication).

15. (*Amended*) Device according to claim 11 [or 12], wherein said shared radio network is adapted for any of the radio systems CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

18. (*Amended*) Device according to claim 16 [or 17], wherein said shared radio network is adapted for any one of the following radio systems: UMTS (Universal Mobile Telecommunications System), GSM (Global System for Mobile communication), CDMA (Code Division Multiple Access) or TDMA (Time Division Multiple Access).

## ABSTRACT

Method and device, respectively, for determining which one of the owners of a shared radio network that a visiting mobile terminal (MT), which MT is not subscribed to any of the owners of said shared radio network, is going to be connected to, by deriving information from the visiting MT concerning its identity. The method and device, respectively, is characterized in that said information is used in said shared radio network for determining which one of said owners said visiting MT is going to be connected to.

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